

Advanced Situation Awareness Technologies, Phase II

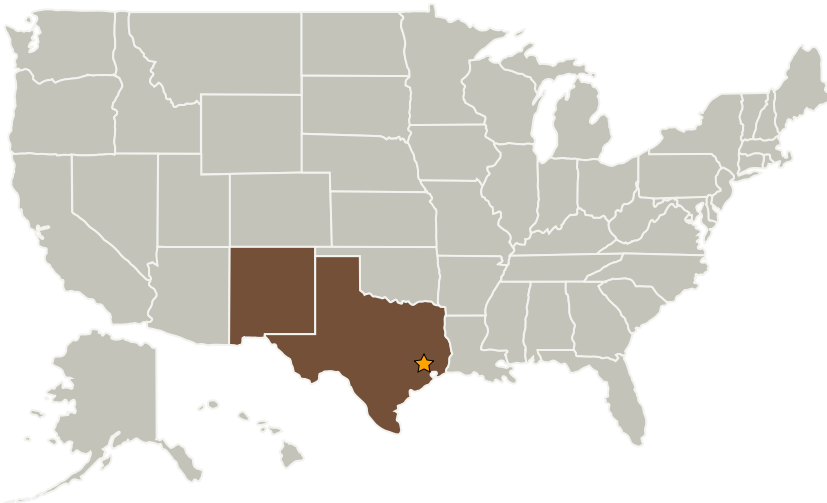
Completed Technology Project (2009 - 2011)



Project Introduction

Advanced Situation Awareness Technologies (ASAT) will facilitate exploration of the moon surface, and other planetary bodies. ASAT will create an Advanced Situation Awareness Technology by creating an integrated display from disparate data sources including video, telemetry, and geographic databases which in addition to topographic data can provide ortho-imagery, meteorological, hazard, and cultural data. This new augmented reality display will fuse multiple information streams into a high information density, three dimensional display with a common temporal context.

Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★ Johnson Space Center(JSC)	Lead Organization	NASA Center	Houston, Texas
Rapid Imaging Software, Inc.	Supporting Organization	Industry Women-Owned Small Business (WOSB)	Albuquerque, New Mexico



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Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Johnson Space Center (JSC)

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

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Primary U.S. Work Locations

New Mexico

Texas

Project Transitions



January 2009: Project Start



January 2011: Closed out

Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Technology Areas

Primary:

- TX06 Human Health, Life Support, and Habitation Systems
 - └ TX06.2 Extravehicular Activity Systems
 - └ TX06.2.3 Informatics and Decision Support Systems